

That which is claimed:

1. A method of improving a membrane comprising the step of:
providing a microporous sheet comprising a blend of an aliphatic polyolefin and less than 10 percent by blend weight of a thermoplastic olefin elastomer selected from the group of ethylene-propylene rubbers, ethylene-propylene-diene terpolymer rubbers, and combinations thereof.

2. The method of Claim 1 wherein the elastomer comprises about 2 to 10 percent by blend weight.

3. The method of Claim 2 wherein the elastomer comprises about 3 to 7 percent by blend weight.

4. The method of Claim 1 wherein the microporous sheet has a Gurley less than 35 seconds.

5. The method of Claim 4 wherein the microporous sheet has a Gurley less than 25 seconds.

6. The method of Claim 1 wherein the polyolefins selected from polyethylene, polypropylene, copolymers thereof, and blends thereof.

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7. The method of Claim 1 wherein the thermoplastic olefin elastomer is selected from the group of ethylene-propylene rubbers, ethylene-propylene-diene terpolymer rubber, and combinations thereof.

8. A method of improving a membrane comprising the step of:
providing a microporous sheet having a Gurley less than 35 seconds comprising a blend of an aliphatic polyolefin selected from the group consisting of polyethylene, polypropylene, copolymers thereof, and blends thereof, and a thermoplastic olefin elastomer being selected from the group consisting of ethylene-propylene rubbers, ethylene-propylene-diene terpolymer rubbers, and combinations thereof, and the elastomer comprising 3 to 7 percent by blend weight.

9. A diffusion membrane comprising:
a microporous sheet comprising a blend of an aliphatic polyolefin and a thermoplastic olefin elastomer, the blend comprising less than 10 percent by blend weight of the elastomer, the polyolefin being selected from the group consisting of polyethylene, polypropylene, copolymers thereof, and blends thereof, the thermoplastic olefin elastomer being selected from the

group consisting of ethylene-propylene rubbers, ethylene-propylene-diene terpolymer rubbers, and combinations thereof.

10. The membrane of Claim 9 wherein the blend comprises between 2 and 10 percent by blend weight.

11. The membrane of Claim 10 wherein the blend comprises between 3 and 7 percent by blend weight.

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